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RAW SEQUENCE LISTING   DATE: 07/19/2002
PATENT APPLICATION: US/10/087,631B   TIME: 13:27:48

    Input Set : A:\1803.txt
    Output Set: N:\CRF3\07192002\J087631B.raw

     5 <110> APPLICANT: JAEGER, STEPHAN
     9 <120> TITLE OF INVENTION: A METHOD FOR THE DETERMINATION OF A NUCLEIC ACID USING A
    10   CONTROL
    14 <130> FILE REFERENCE: 1803-335-999
    18 <140> CURRENT APPLICATION NUMBER: 10/087,631B
    20 <141> CURRENT FILING DATE: 2002-03-01
    24 <160> NUMBER OF SEQ ID NOS: 17
    28 <170> SOFTWARE: PatentIn version 3.1
    32 <210> SEQ ID NO: 1
    34 <211> LENGTH: 21
    36 <212> TYPE: DNA
    38 <213> ORGANISM: Artificial Sequence
    40 <220> FEATURE:
    42 <223> OTHER INFORMATION: Description of Artificial Sequence: Artificial sequence to
exemplify
    43   principle
    47 <400> SEQUENCE: 1
    48 agcgcatgcc agattactgg c   21
    51 <210> SEQ ID NO: 2
    53 <211> LENGTH: 21
    55 <212> TYPE: DNA
    57 <213> ORGANISM: Artificial Sequence
    59 <220> FEATURE:
    61 <223> OTHER INFORMATION: Description of Artificial Sequence: Artificial sequence to
exemplify
    62   principle
    65 <400> SEQUENCE: 2
    66 tcgcgtacgg tctaatgacc g   21
    69 <210> SEQ ID NO: 3
    71 <211> LENGTH: 33
    73 <212> TYPE: DNA
    75 <213> ORGANISM: Artificial Sequence
    77 <220> FEATURE:
    79 <223> OTHER INFORMATION: Description of Artificial Sequence: ST650 HCV specific probe
    80   sequence
    83 <400> SEQUENCE: 3
    84 cggtgtactc accgttccg cagaccacta tggc   33
    87 <210> SEQ ID NO: 4
    89 <211> LENGTH: 30
    91 <212> TYPE: DNA
    93 <213> ORGANISM: Artificial Sequence
    95 <220> FEATURE:
    97 <223> OTHER INFORMATION: Description of Artificial Sequence: Sequence ST2535 probe
sequence

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100 <400> SEQUENCE: 4
101 tggactcagt ccttggtca tctcaccttc t                                    30
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104 <210> SEQ ID NO: 5
106 <211> LENGTH: 33
108 <212> TYPE: DNA
110 <213> ORGANISM: Artificial Sequence
112 <220> FEATURE:
114 <223> OTHER INFORMATION: Description of Artificial Sequence: ST650pc probe seqeunce
115   (parallel-complementary to ST650)
119 <400> SEQUENCE: 5
120 gccacatgag tggcaaggc gtctggtgat accg   33
123 <210> SEQ ID NO: 6
125 <211> LENGTH: 26
127 <212> TYPE: DNA
129 <213> ORGANISM: Artificial Sequence
131 <220> FEATURE:
133 <223> OTHER INFORMATION: Description of Artificial Sequence: sequence ST280 HCV-
specific
134   primer sequence
138 <400> SEQUENCE: 6
139 gcagaaagcg tctagccatg gcgtta   26
142 <210> SEQ ID NO: 7
144 <211> LENGTH: 28
146 <212> TYPE: DNA
148 <213> ORGANISM: Artificial Sequence
150 <220> FEATURE:
152 <223> OTHER INFORMATION: Description of Artificial Sequence: ST778 HCV-specific
primer
153   sequence
157 <400> SEQUENCE: 7
158 gcaagcaccc tatcaggcag taccacaa   28
161 <210> SEQ ID NO: 8
163 <211> LENGTH: 26
165 <212> TYPE: DNA
167 <213> ORGANISM: Artificial Sequence
169 <220> FEATURE:
171 <223> OTHER INFORMATION: Description of Artificial Sequence: ST280pc primer parallel
172   complement to ST280
175 <400> SEQUENCE: 8
176 cgtctttcgc agatcggtac ctcaat   26
179 <210> SEQ ID NO: 9
181 <211> LENGTH: 28
183 <212> TYPE: DNA
185 <213> ORGANISM: Artificial Sequence
187 <220> FEATURE:
189 <223> OTHER INFORMATION: Description of Artificial Sequence: ST778pc primer parallel-
190   complement to ST778
193 <400> SEQUENCE: 9
194 cgttcgtggg atagtccgtc atggtgtt   28
197 <210> SEQ ID NO: 10
199 <211> LENGTH: 241
201 <212> TYPE: DNA
203 <213> ORGANISM: Artificial Sequence

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205 <220> FEATURE:
207 <223> OTHER INFORMATION: Description of Artificial Sequence: DNA sequence derived by
208   amplification of HCV type 1 using primers ST280 and ST778
212 <400> SEQUENCE: 10
213 gcagaaagcg tctagccatg gcgttagtat gagtgtcgtg cagcctccag gaccccccct   60
215 cccgggagag ccatagtggt ctgcggaacc ggtgagtaca ccggaattgc caggacgacc   120
217 gggtcctttc ttggatcaac ccgctcaatg cctggagatt tgggcgtgcc cccgcgagac   180
219 tgctagccga gtagtgttgg gtcgcgaaag gccttgtggt actgcctgat agggtgcttg   240
221 c   241
224 <210> SEQ ID NO: 11
226 <211> LENGTH: 943
228 <212> TYPE: DNA
230 <213> ORGANISM: Artificial Sequence
232 <220> FEATURE:
234 <223> OTHER INFORMATION: Description of Artificial Sequence: QS (pc) HCV being
parallel-
235   complement to according region of HCV type 1 genome
239 <400> SEQUENCE: 11
240 agatctccgc tgtgaggtgg tatctagtga ggggacactc cttgatgaca gaagtgcgtc   60
242 tttcgcagat cggtaccgca atcatactca cagcacgtcg gaggtcctgg gggggagggc   120
244 cctctcggta tcaccagacg ccttggccac tcatgtggcc ttaacggtcc tgctggccca   180
246 ggaaagaacc tagttgggcg agttacggac ctctaaaccc gcacgggggc gctctgacga   240
248 tcggctcatc acaacccagc gctttccgga acaccatgac ggactatccc acgaacgctc   300
250 acggggccct ccagagcatc tggcacgtgg tactcgtgct taggatttgg agtttctttt   360
252 tggtttgcat tgtggttggc ggcaggtgtc ctgcagttca agggcccgcc accagtctag   420
254 caaccacctc aaatggacaa cggcgcgtcc ccggggtcca acccacacgc gcgcgagtcc   480
256 ttctgaaggc tcgccagcgt tggagcacct tccgctgttg gatagggggtt ccgagcggct   540
258 gggctcccgt cccggacccg agtcgggccc atgggaaccg gggagatacc gttactcccg   600
260 taccccaccc gtcctaccga ggacagtggg gcaccaagag ccggatcaac cccgggggagt   660
262 ctggggggccg catccagcgc attaaaccca ttccagtagc tatgggaatg tacgccgaag   720
264 cggctggagt accccatgta aggcgagcag ccgcggggag atcccccgcg gcggtcccgg   780
266 gaccgcgtac cgcaggccca agacctcctg ccgcacttga tacgttgtcc cttaaacggg   840
268 ccaacgagaa agagatagaa ggagaaccca aacgacagaa caaactggta gggtcgaagg   .900
270 cgaatacttc acgcgtaaac atgaggatta cccatgtaag ctt   943
273 <210> SEQ ID NO: 12
275 <211> LENGTH: 241
277 <212> TYPE: DNA
279 <213> ORGANISM: Artificial Sequence
281 <220> FEATURE:
283 <223> OTHER INFORMATION: Description of Artificial Sequence: Amplicon derived from QS
(pc)HCV
284   using the primers ST280pc and ST778pc
288 <400> SEQUENCE: 12
289 cgtctttcgc agatcggtac cgcaatcata ctcacagcac gtcggaggtc ctgggggggga   60
291 gggccctctc ggtatcacca gacgccttgg ccactcatgt ggccttaacg gtcctgctgg   120
293 cccaggaaag aacctagttg ggcgagttac ggacctctaa acccgcacgg gggcgctctg   180
295 acgatcggct catcacaacc cagcgctttc cggaacacca tgacggacta tcccacgaac   240
297 g   241
300 <210> SEQ ID NO: 13 ·
302 <211> LENGTH: 241
304 <212> TYPE: DNA

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306 <213> ORGANISM: Artificial Sequence
308 <220> FEATURE:
310 <223> OTHER INFORMATION: Description of artificial sequence: Amplicon sequence
derived from
311   QS HCV (HCV amplification control having binding sites for ST280, ST778,
312   and ST2535) using primers ST280 and ST778
316 <400> SEQUENCE: 13
317 gcagaaagcg tctagccatg gcgttagtat agtggcgtga gagcagccct tgcctcgccc   60
319 accgcgcgtc tagaaggtga gatgaccaga ggactgagtc caatgcatgc tggctccgag   120
321 atgctccgca aacttgccgt caacgtgact gcgtacggcg ggcgtgcccg cctggctgtg   180
323 tatgagctgg tgaccgtgat ctggctggag gccttgtggt actgcctgat agggtgcttg   240
325 c   241
328 <210> SEQ ID NO: 14
330 <211> LENGTH: 375
332 <212> TYPE: DNA
334 <213> ORGANISM: Artificial Sequence
336 <220> FEATURE:
338 <223> OTHER INFORMATION: Description of Artificial Sequence: ICSJ620 HCV (HCV
specific
339   amplification control having a binding site for ST280 and ST778 and an
340   internal region being parallel-complement to HCV)
344 <400> SEQUENCE: 14
345 agatctcggt cgggggacta cccccgctgt gaggtggtac ttagtgaggg gacactcctt   60
347 gatgacagaa gtggcagaaa gcgtctagcc atggcgttac atactcacag cacgtcggag   120
349 gtcctggggg ggagggccct ctcggtatca ccagacgcct tggccactca tgtggcctta   180
351 acggtcctgc tggcccagga aagaacctag tttgggcgag ttacggacct ctaaacccgc   240
353 acgggggcgc tctgacgatc ggctcatcac aacccagcgc tttccggttg tggtactgcc   300
355 tgataggggtg cttgcctcga ggggccctcc agagcatctg gcacgtggaa acatgaggat   360
357 tacccatgta agctt   375
360 <210> SEQ ID NO: 15
362 <211> LENGTH: 242
364 <212> TYPE: DNA
366 <213> ORGANISM: Artificial Sequence
368 <220> FEATURE:
370 <223> OTHER INFORMATION: Description of artificial sequence: Amplicon derived from
ICSJ620
371   HCV (HCV-specific amplification control) using ST280 and ST778 as primers
374 <400> SEQUENCE: 15
375 gcagaaagcg tctagccatg gcgttacata ctcacagcac gtcggaggtc ctggggggga   60
377 gggccctctc ggtatcacca gacgccttgg ccactcatgt ggccttaacg tcctgctgg   120
379 cccaggaaag aacctagttt gggcgagtta cggacctcta aacccgcacg gggcgctct   180
381 gacgatcggc tcatcacaac ccagcgcttt ccggttgtgg tactgcctga tagggtgctt   240
383 gc   242
386 <210> SEQ ID NO: 16
388 <211> LENGTH: 46
390 <212> TYPE: DNA
392 <213> ORGANISM: Artificial Sequence
394 <220> FEATURE:
396 <223> OTHER INFORMATION: Description of Artificial Sequence: NTQ21-46-A aptamer
sequence
399 <400> SEQUENCE: 16
400 cgatcatctc agaacattct tagcgttttg ttcttgtgta tgatcg   46
403 <210> SEQ ID NO: 17

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405 <211> LENGTH: 21
407 <212> TYPE: DNA
409 <213> ORGANISM: Artificial Sequence
411 <220> FEATURE:
413 <223> OTHER INFORMATION: Description of Artificial Sequence: Sequence to exemplify
principle
415 <400> SEQUENCE: 17
416 cggtcattag accgtacgcg a                                    21
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